

Notice of Allowability

Application No.

09/664,096

Examiner

Ian N. Moore

Applicant(s)

SUZUKI ET AL.

Art Unit

2661

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/22/2005.
2. ☒ The allowed claim(s) is/are 1,4,7,9-14 which have been renumbered as 1-9.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

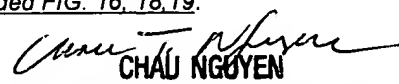
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 1-10-06.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 1-10-06.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☒ Other amended FIG. 16, 18, 19.


CHAU NGUYEN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael R. Cammarata on January 10, 2006.

The application has been amended as follows:

- In the **drawings** (in accordance with MPEP § 608.02(g)), **Figure 16,18, and 19** have be designated by a legend such as -- **Conventional Art** -- (see attached).
- **Claim 1**, line 6, "**transmitting (notifying)**" has been replaced with -- **transmitting** - -
- **Claim 1**, line 8, "**a bearer circuit**" has been replaced with -- **the bearer circuit** - -
- **Claim 1**, line 12, "**a signal**" has been replaced with -- **the signal** - -
- **Claim 1**, line 13, "**a trunk channel**" has been replaced with -- **the trunk channel**- -
- **Claim 1**, line 14, "**the input signal**" has been replaced with -- **an input signal** - -
- **Claim 1**, line 19, "**the encoded signal**" has been replaced with -- **the encoded speech signal** - -
- **Claim 1**, line 23, "**the delayed encoded signal**" has been replaced with -- **the delayed encoded speech signal** - -
- **Claim 4**, line 5, "**a signal**" has been replaced with -- **the signal** - -
- **Claim 4**, line 8, "**a trunk channel**" has been replaced with -- **the trunk channel** - -

Art Unit: 2661

- **Claim 4**, line 17, “**a trunk channel**” has been replaced with -- **the trunk channel** - -
- **Claim 4**, line 21, “**a encoded speech signal**” has been replaced with -- **the encoded speech signal** - -
- **Claim 4**, line 23, “**a encoded signal**” has been replaced with -- **the encoded speech signal** - -
- **Claim 4**, line 23 “**an input signal**” has been replaced with -- **the input signal** - -
- **Claim 4**, line 23, “**a trunk channel**” has been replaced with -- **the trunk channel**- -
- **Claim 4**, line 28, “**said delayed encoded signal**” has been replaced with -- **said delayed encoded speech signal** - -
- **Claim 7**, line 6, “**a signal**” has been replaced with -- **the signal** - -
- **Claim 7**, line 9, “**a trunk channel**” has been replaced with -- **the trunk channel**- -
- **Claim 7**, line 18, “**a trunk channel**” has been replaced with -- **the trunk channel**- -
- **Claim 7**, line 32, “**said delayed encoded signal**” has been replaced with -- **a delayed encoded speech signal** - -
- **Claim 9**, line 6, “**said signal**” has been replaced with -- **said second invalid encoded signal** - -
- **Claim 9**, line 10, “**such a signal**” has been replaced with -- **a signal** - -
- **Claim 9**, line 10, “**said first invalid encoded signal**” has been replaced with -- **a first invalid encoded signal** - -
- **Claim 10**, line 6, “**a signal**” has been replaced with -- **the signal** - -
- **Claim 10**, line 9, “**a trunk channel**” has been replaced with -- **the trunk channel**- -
- **Claim 10**, line 18, “**a trunk channel**” has been replaced with -- **the trunk channel**- -

Art Unit: 2661

- **Claim 10, line 22, “a signal” has been replaced with -- the signal - -**
- **Claim 10, line 22, “a trunk channel” has been replaced with -- the trunk channel- -**
- **Claim 10, line 29, “the encoded signal” has been replaced with -- the encoded speech signal - -**
- **Claim 10, line 33, “the delayed encoded signal” has been replaced with -- the delayed encoded speech signal - -**
- **Claim 10, line 36, “said signal” has been replaced with -- said second invalid encoded signal - -**
- **Claim 10, line 40, “the encoded signal” has been replaced with -- the encoded speech signal - -**
- **Claim 10, line 41, “the encoded signal” has been replaced with -- the encoded speech signal - -**
- **Claim 10, line 45, “the synthesized encoded signal” has been replaced with -- the synthesized encoded speech signal - -**
- **Claim 10, line 52, “a PCM signal” has been replaced with -- the PCM signal - -**
- **Claim 10, line 52, “in such a case” has been replaced with -- in the input case - -**
- **Claim 11, line 6, “a signal” has been replaced with -- the signal - -**
- **Claim 11, line 9, “a trunk channel” has been replaced with -- the trunk channel- -**
- **Claim 11, line 17, “a trunk channel” has been replaced with -- the trunk channel- -**
- **Claim 11, line 19, “a encoded signal” has been replaced with -- and wherein a encoded speech signal - -**
- **Claim 12, line 6, “a signal” has been replaced with -- the signal - -**

Art Unit: 2661

- **Claim 12**, line 9, “**a trunk channel**” has been replaced with -- **the trunk channel**- -
- **Claim 12**, line 17, “**a trunk channel**” has been replaced with -- **the trunk channel**- -
- **Claim 12**, line 19, “**a encoded signal**” has been replaced with -- **a encoded speech signal** -
-
- **Claim 13**, line 3, “**a encoded signal**” has been replaced with -- **and wherein a encoded speech signal** - -
- **Claim 14**, line 3, “**a encoded signal**” has been replaced with -- **and wherein a encoded speech signal** - -

Allowable Subject Matter

2. Claims 1,4,7 and 9-14 are allowed.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ian N. Moore whose telephone number is 571-272-3085. The examiner can normally be reached on 9:00 AM- 6:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chau Nguyen can be reached on 571-272-3126. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2661

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

INM *gwm*
1-10-06

FIG. 16

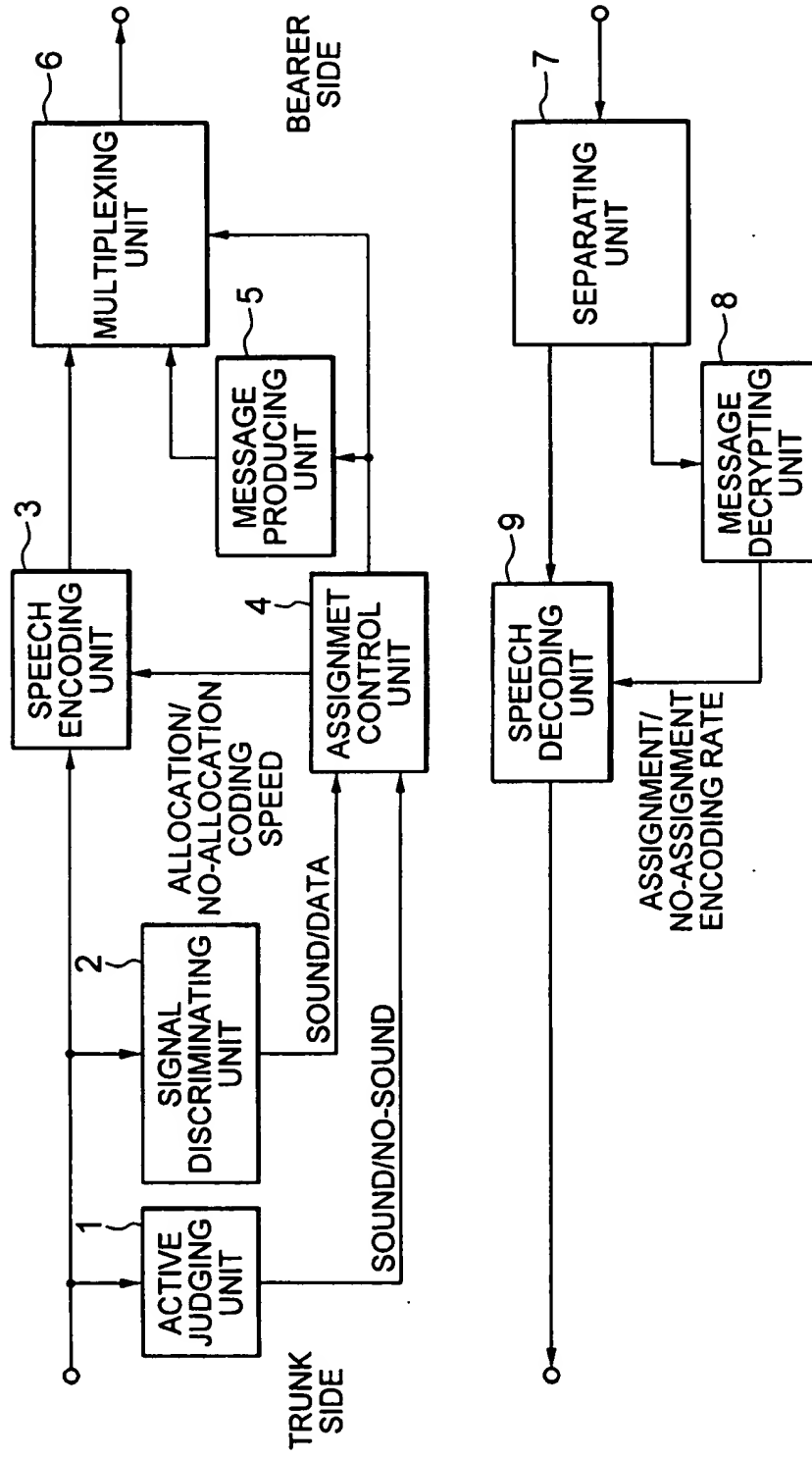
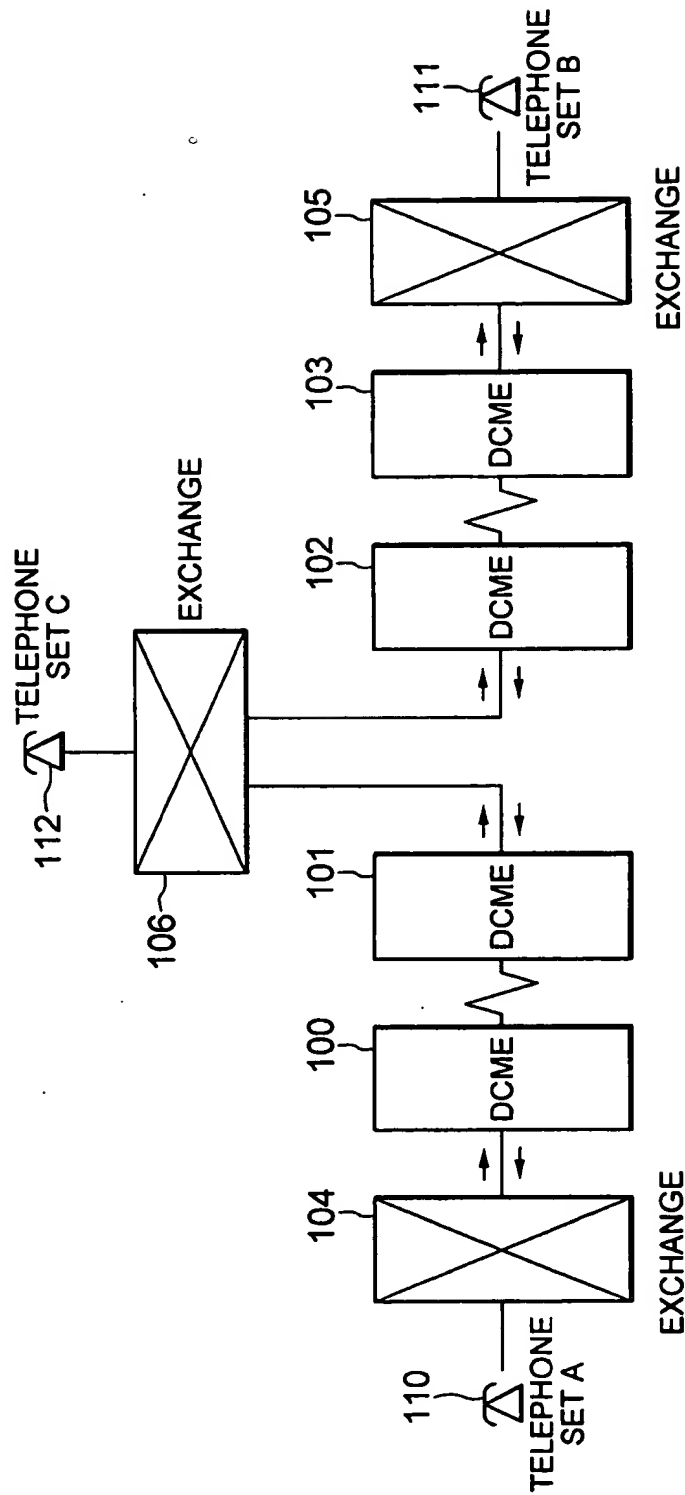
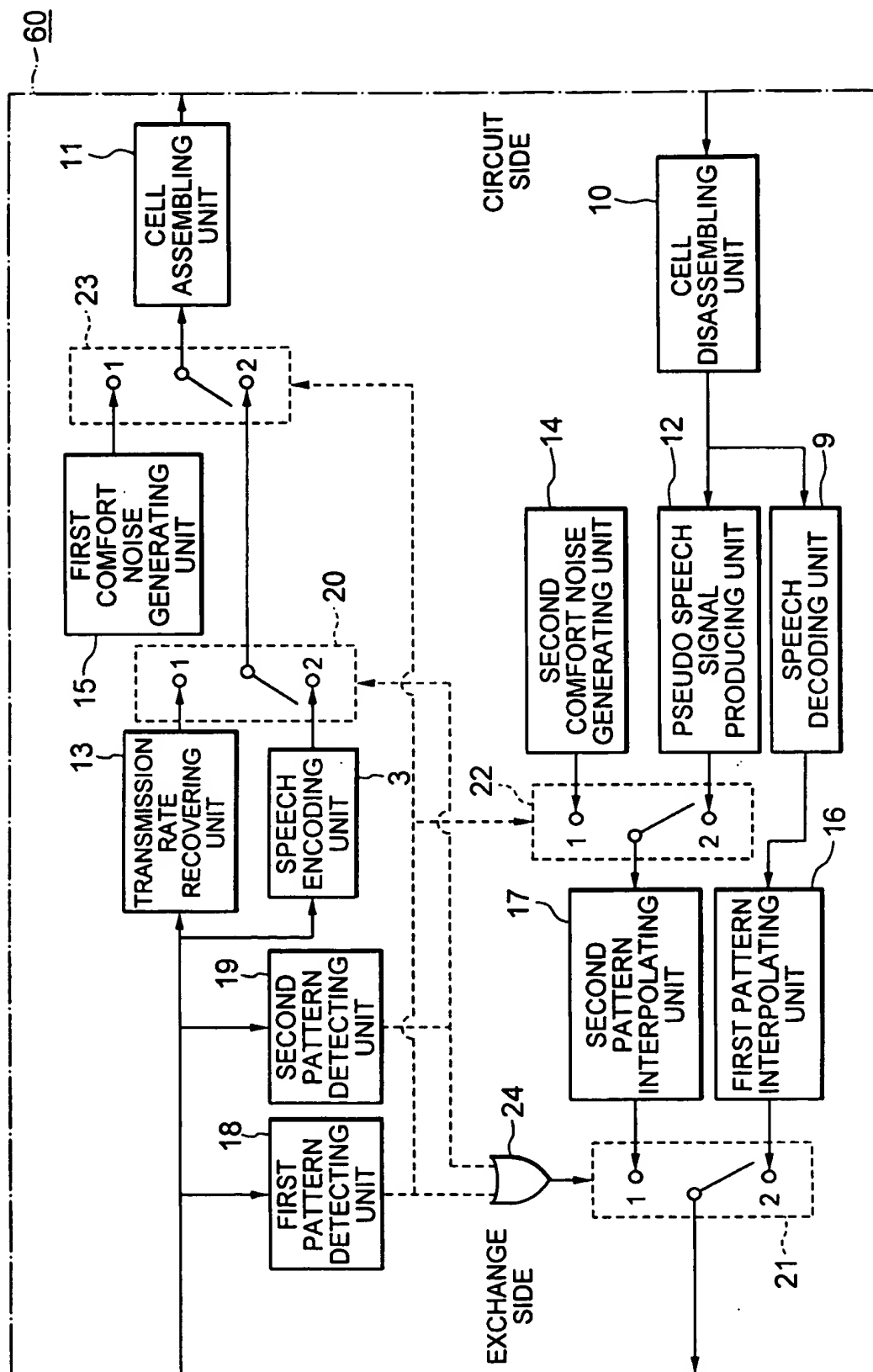


FIG. 18



CONVENTIONAL ART

FIG. 19



CONVENTIONAL ACT